Endometriosis classification, and staging and reporting systems: a systematic review on the road to a universally accepted endometriosis classification.

REVIEW REPORT











The draft of the paper "Endometriosis classification and staging systems: the road to a universally accepted and implemented system" (draft title) was open for stakeholder comments between 28 January and 28 February 2021.

The paper was published on the ESHRE website for open stakeholder review. ESGE submitted comments on behalf of their Executive board. ASRM submitted collated comments from multiple levels of simultaneous review: Practice Committee, members, executive Board, SRS, EndoSIG.

This report summarizes all reviewers, their comments and the reply of the writing group and is published on the societies' website as supporting documentation to the paper.

A total of 81 comments were received.

The comments were focussed on the content of the paper (51 comments), language and style (19 comments), or were positive remarks that did not require a reply (11 comments). All suggested language corrections were adapted.

All comments to the content of the paper were checked by the working group and either addressed (in the paper) or a reply was formulated. Of the 51 comments, 19 resulted in an adaptation to the text, while 32 were replied to in this report.

Participants to the stakeholder review

Individual experts - contributing to the open review, organised by ESHRE

Reviewer	Country
Thomas D'Hooghe	Belgium
Philippe Koninckx	Belgium
Alison Maclean	UK
Gernot Hudelist	Austria
Carlos Calhaz-Jorge	Portugal
Chi Chiu Wang	Hong Kong
Marco Sbracia	Italy
Juan A Garcia-Velasco	Spain
Devin Namaky	USA
Mitranovici Melinda-Ildiko	Romania
Hunida ,M.Elmegrab	Libya
Svetlana Dubrovina	Russia
DEBBY PACQUING-SONGCO	PHILIPPINES
Puri Hernández-Vargas	Spain
Leila Adamyan	Russian Federation
Paul Yong	Canada
Theodoros D. Theodoridis	Greece
Justyna Sikora	Poland/Uk
Jennifer Mier Cabrera	Mexico
Horace Roman	France
Sun-Wei Guo	China
David Adamson	USA
Kaylon Bruner-Tran	USA

Experts contributing on behalf of ASRM

Collated comments from multiple levels of simultaneous review: Practice Committee, member, Board, SRS, EndoSIG 2-19-2021

Experts contributing on behalf of WES

Collated comments from the WES board members

Experts contributing on behalf of ESGE

Reviewer	Country
Ertan Saridogan	UK
Justin Clark	UK
Hélder Ferreira	Portugal
Michelle Nisolle	Belgium
Massimo Candiani	Italy
RABISCHONG	France

List of all comments and replies

Name	Page	Line	Comment	Reply
Thomas D'Hooghe			I would suggest that the authors add another paragraph in the Discussion on the value of descriptive versus outcome-based classifications, and which criteria should be applied in their development and validation. Descriptive classification could be applied to both imaging and surgical classifications. Outcome Fertility has been well addressed with EFI, but outcome PAIN is much more difficult. This "next step" in classification development is a bit lacking, and I am sure that, with their collective expertise, the authors and societies they represent could add meaningful ideas here.	The reviewer suggests to add a paragraph in the discussion on the value of descriptive versus outcome-based classifications, an which criteria should be applied in their development and validation. The working group considers this a valid point, but there are insufficient data at this stage to make any valid conclusions or suggestions.
Thomas D'Hooghe			Excellent review, very well done, but vision for the future needs to be more articulated, see previous comment	Thank you.
Philippe Koninckx			I have read with interest the 'Endometriosis classification and staging systems: the road to a universally accepted and implemented system'. It is a nice description and overview of classifications. Please find below suggestions which might be biased by personal beliefs. Every bird has a different song. I am missing that before 1986 (1) subtle endometriosis was know known and therefore not reflected in the Acosta, Kistner, AFS classification. Also, deep endometriosis was only well recognised after 1990 (2). References 1. Jansen RPS, Russel P. Nonpigmented endometriosis: Clinical, laparoscopic, and pathologic definition. Am J Obstet Gynecol 1986;155:1154-9. 2. Cornillie FJ, Lauweryns JM, Seppala M, Riittinen L, Koninckx PR. Expression of endometrial protein PP14 in pelvic and ovarian endometriotic implants. Hum Reprod 1991;6:1411-5.	A sentence was added, reading "The different versions of the AFS/ASRM classification system reflect the progress made in the knowledge on endometriosis."
Philippe Koninckx			An analysis of classification was made in 1991 demonstrating that if you omit adhesions from the AFS nothing changes since adhesions and cystic ovarian endo are so strongly associated (3) Also classes III and IV are cystic ovarian endometriosis (95%), deep endo is mainly represented in class II and the difference between I and II is the pelvic area with a cut-off around 3 cm2. A more extensive analysis was published in the report of the Quebec meeting of 1999 by late R. Maheux. References 3. Koninckx PR, Meuleman C, Demeyere S, Lesaffre E, Cornillie FJ. Suggestive evidence that pelvic endometriosis is a progressive disease, whereas deeply infiltrating endometriosis is associated with pelvic pain. Fertil Steril 1991;55:759-65.	The reviewer makes an interesting point, but providing such details on each of the different systems is not within the scope of the current paper.

5	Philippe Koninckx			What I/we think about classification was published in Gyn Surgery which was not yet	As described in the methodology section, the literature was
				PUBMED listed (4). Essentially it says that The AFS is a nice classification but that	limited to pubmed-indexed papers.
				subtle and deep should be classified separately and that volume/ severity should be	
				taken into account.	
				References	
				4. Koninckx PR, Ussia A, Adamyan LV, Wattiez A. An endometriosis classification,	
_	Dhiling a Kaninalu			designed to be validated. Gynecol Surg 2011;8:1-6.	It is also who we are in a sold the at the a FNIZIANI assure is a solution.
6	Philippe Koninckx			The ENZIAN classification is typically a classification by surgeons and reflects surgical	It is clearly mentioned that the ENZIAN score is a surgical
_	DI III II II			expertise	classification. This was not further explained
'	Philippe Koninckx			All classification today need validation. I hope that we can try together with J.	The authors agree that any future or existing classification,
				Keckstein	staging or descriptive system needs evaluation and validation,
	DI 11. 14. 1				and would certainly support such studies/collaborations
8	Philippe Koninckx			The Endometriosis Fertility Index is not a classification, but a self-fulfilling prophecy.	The working group considers EFI as a reporting system aiming to
				When all parameters known to affect fertility are added we obviously predict fertility.	
				What is missing, is a validation of the points given. More important this is still	"classification/staging" to "Classification, staging and reporting
				research, without a prediction and the variance of the MFR/CPR, which I expect to be	systems".
_				irrealistic large	
9	Alison Maclean			As stated in the introduction, adenomyosis is considered a separate entity by most	We have not looked specifically at classification systems for
				definitions, but is included in some. This reader would be interested to know which of	
				the classification systems discussed in this review include adenomyosis in their	endometriosis classification systems. Where relevant, this is
				definitions. This could be included in the discussion, linking back to the comment in	mentioned in table II. We also added a sentence on adenomyosis
				the introduction.	in the methods section.
10	Alison Maclean	1	24	The sentence reads better as 'while for infertility {insert comma} surgery and/or	This was corrected
				assisted reproduction technologies (ART) have been used'.	
11	Alison Maclean	7	252	'for its intended purpose, {insert: which is} descriptive surgical staging' to replace	This was corrected
				'being'.	
12	Alison Maclean	7	255	In keeping with the paragraph, it would also be interesting to know if the UBESS and	UBESS and ECO were evaluated for their intended purpose. This
				ECO classification systems have been evaluated for their intended goals, or not.	was added in the discussion.
13	Alison Maclean	7	269	'examined the classification systems for other purposes than the one for which	This was corrected
				{insert: they were} designed' to replace 'it was'.	

14	Gernot Hudelist			Please do update the reference regarding the Enzian – or now #Enzian classification – see The #Enzian classification: A comprehensive non-invasive and surgical description system for endometriosis. Keckstein J, Saridogan E, Ulrich UA, Sillem M, Oppelt P, Schweppe KW, Krentel H, Janschek E, Exacoustos C, Malzoni M, Mueller M, Roman H, Condous G, Forman A, Jansen FW, Bokor A, Simedrea V, Hudelist G.Acta Obstet Gynecol Scand. 2021 Jan 23. doi: 10.1111/aogs.14099. Furthermore, I do not see the necessitiy to create another additional classification system as the classification above - #ENZIAN provides a universal tool for classifying endometriosis.	
15	Carlos Calhaz-Jorge			Congratulations to the authors for the excellent overview	Thank you.
16	Carlos Calhaz-Jorge	1	14-15	"myometrium of the uterus" could be just "myometrium"	This was adapted
17	Carlos Calhaz-Jorge	Tables	Headin gs	I suggest "Prediction of difficulty of surgery" instead of "Difficulty of surgery"	This was adapted
18	Carlos Calhaz-Jorge	Table I	Valli system	Is it related with endometriosis? I have no access to the paper but hysteroscopy seems an odd option for evaluation of endometriotic lesions	We agree with the comment and have removed the valli system from the list of classification systems.
19	Carlos Calhaz-Jorge		Chapro n classific ation	The final Reference list includes two papers of Chapron et al in 2003. Would it be possible to specify in this table which one is considered?	This was corrected
20	Carlos Calhaz-Jorge	6	221		Thank you for spotting that the wrong reference was inserted. This is now corrected
21	Chi Chiu Wang		Results	Good idea to summary the previous studies, but it is better and more important to provide some recommendations. Currently it is rather provide a list of previous studies though.	The goal of this paper was to provide an overview of existing data, as one part of an international collaboration for endometriosis classification. Further project outcomes will focus on providing recommendations
22	Chi Chiu Wang		Evidenc e	Better to include level of evidence or frequency of the usage of each definition had been used, rather than just a single citation provided in the tables.	Ideally, the proposed classification systems would be evaluated in several reports focussing on the same outcomes, which would have allowed meta-analysis of the data. As this is not feasible with the current data, we refrained from any meta-analysis and applied a descriptive approach
23	Chi Chiu Wang	Introd uction	17-19	To be consistent with the other Glossary review	The glossary describes the 3 major endometriosis phenotypes (peritoneal, deep and ovarian endometriosis), which is consistent with the sentence indicated in the review.
24	Chi Chiu Wang	Introd uction	26-30	How to compare with the grading stage in the Glossary review, Table IV, GRADE I, II, III, IV, V	The glossary describes different levels of complications (Grade I to V). In the introduction there is no mentioning of complications, and hence no inconsistency to be corrected.
25	Chi Chiu Wang	Table 1		Each endometriosis classification staging system has differential and common items, it is worth to identify any items good for correlating classification with outcomes and prognosis.	The reviewer makes an interesting point, but assessing the similarities and differences of the different systems was not within the scope of the current paper.

26	Chi Chiu Wang	Table 1		May consider to separate operative and non-operative classifications	The third column of the table specifies whether the system is based on surgical observation or other parameters. We consider it not necessary to further clarify this
27	Marco Sbracia		Endom etriosis classific ation	The standardization of endometriosis classification systems is certainly necessary to give doctors a clear and easy-to-use supp01i to describe the stage of the disease. However the main problem is to define what we want to describe and what is the goal of the classification system. Endometriosis may present several different clinical features, especially associated with symptoms and anatomical presentation.	Thank you for this feedback. We largely agree with your comments.
28	Marco Sbracia		Metodo logy	The process for the standardization of endometriosis classification will take long time and needs an international cooperation to evaluate in a big data system the adherence of the classification system with the clinical reality of patients.	We agree with the reviewer on this comment and would like to stress that it is the aim of the working group to start such an international cooperation.
29	Marco Sbracia	1	31	Looking for a system of being able to include all the possible characteristics of the disease, including symptoms, prognosis and possible clinical outcome regarding pain and infertility seems a bit unrealistic and inconclusive. Perhaps it would be better to think for a classification well describing the spread of endometriosis in the pelvis and extra-pelvis, including deep endometriosis as well as the anatomic distortion produced in the pelvis.	We agree with this comment, but would like to point out the aim of the review was to provide an overview of existing classification systems and validation studies.
30	Marco Sbracia	7	233	The reference to the TNM classification for cancer is quite fitting, but to obtain the same for endometriosis it is necessary to establish a process of evaluation of the descriptive factors of the disease and then with a longitudinal study on patients which of these factors is more significant in predicting disease recurrence and the reappearance of symptoms.	We consider this a helpful comment and we will take this into consideration in further steps of the project to develop a classification for endometriosis.
31	Juan A Garcia-Velasco		General comme nt		We consider this a helpful comment and will take this into consideration in further steps of the project to develop a classification for endometriosis.

32	Devin Namaky		review paper achieves this goal. Mostly importantly, I appreciate that this review highlights that any staging system should have objectives in mind. The lack of attention to this is exactly why I do not currently stage my patients. There is no simple system I can currently rely on to clinically represent the difficulty of treatment and excision, nor to predict pain. I recognize also that fertility prediction is also of concern for patients and clinicians. It would be nice if the system mimicked that of cancer staging: 1. Staged surgically, 2. Represents the level of difficulty in treatment (i.e. difficulty of excision), 3. Predicts pain and/or fertility response (outcomes).	
33	Mitranovici Melinda- Ildiko		I think a TNM-like staging system used for cancer is much better at aiming a clinical classification by anatomical extent. And it could also be used in treatment planning	Thank you for this feedback.
34	Mitranovici Melinda- Ildiko	166		The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews.
35	Mitranovici Melinda- Ildiko	174		The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews.
36	Mitranovici Melinda- Ildiko	184		The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews.
37	Hunida ,M.Elmegrab		Especially due to lack of validating researches Based on a personal experience and my observations in the clinical field of infertility I've found ENDORECT system easy, affordable and has high positive value in many	Although we largely agree with these comments, the aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews.

38	Hunida ,M.Elmegrab	7	250 251 252	Even though rASRM showed various negative values it should be further investigated and researches should be conducted to evaluate the system for it's intended goal	We agree with this comment, which is in line with the conclusion of the paper stating that "Any future evaluation of existing or
			252	which is the description of surgical staging	newly developed classification, staging or descriptive system should primarily focus on assessing validity, feasibility and
					reproducibility, and on reliability related to the purpose for which the system was developed"
39	Svetlana Dubrovina	7	241- 242	«The EFI system needs further evaluation with regards to the importance of the different parameters and whether to include the completeness of surgical treatment.»	The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and
				I totally agree with it in spite of the fact that it is one of best system. But new one should evaluate the adhesions not only between ovaries and tubes but also how intestine, for ex., is involved in abdominal adhesions.	negative aspects of the classification systems as not to repeat other reviews.
40	DEBBY PACQUING- SONGCO	Page 1	18	Endometrioma is already noted as a cyst. unless endometrial cyst will be used. Suggest cyst in conjunction with endometrioma	We have removed the word "cyst" as this is indeed redundant.
41	DEBBY PACQUING- SONGCO	Page 1	39	When is inception? Date? Better to put 1973 here then inception during discussion on page 6 line 203	Inception means the date of which papers are included in PUBMED/Medline. We clarified in the text that this is from 1966,
42	DEBBY PACQUING- SONGCO	Page 1	40	Papers gathered should only be focusing on endometriosis, no need to put not include papers not focusing on endometriosis	We agree with this comment, but consider it relevant to clarify the non-selection of 1152 references from all references collected through the literature search.
43	Puri Hernández- Vargas		Other referen ces	Some recent proposed classification system has not been included in the report and they could introduce new perspectives for endometriosis classification (see doi:10.17219/acem/118849; doi:10.1093/hropen/hoaa053)	We have incorporated the new #ENZIAN classification in the overview.
44	Puri Hernández- Vargas		Title	The title seems to me a bit mis-leading as the report does not propose any universally accepted and implemented system. I therefore suggest revising that part of the title.	We have clarified the title, which now reads "Endometriosis classification and staging systems: a systematic review on the road to a universally accepted endometriosis classification."
45	Puri Hernández- Vargas	Figure 1	80-82	Only exclusion criteria for eligibility has been considered. Could you please show the exclusion criteria for screening (n=1152 records excluded)? Please clarify if they are the exclusion criteria cited in lines 39-41 (methods). If so, please, include them in figure footnotes.	The 1152 references were excluded based on the mentioned criteria "Non-English language studies, animal studies and papers not focusing on endometriosis". By following the reviewer's suggestion to include this in a footnote to figure 1, this is clarified to all readers
46	Puri Hernández- Vargas	Page 3 Page 7 and Figure 1	88-89 266	"Sixty-seven papersclassification or staging system in endometriosis (n=24) or evaluation one (n=43)". Only 23 papers have been included in Table I while 46 papers are in Table II. Could you please confirm the number of papers?	The inconsistency was due to the 2 references from Chapron, of which one was missing in table 1, Meanwhile the numbers were corrected and updated with the inclusion of #ENZIAN, The number of validation papers was adapted. Thank you for alerting us of this inconsistency
47	Puri Hernández- Vargas	Page 3 and Table I	104-106	"(1979, 1985)" The reference is a bit confusing. Is it possible to include AFS?	This was corrected
48	Puri Hernández- Vargas	Table I and		Tables titles should use a similar format.	This was corrected

49	Puri Hernández-	Figure I	Line 55-line 69	Two editing errors (spaces before brackets) should be corrected.	This was corrected
	Vargas				
50	Leila Adamyan		sis	into four stages according to the extent of disease in the retrocervical area: in stage I, endometriotic lesions are confined to rectovaginal cellular tissue in the area of the vaginal vault; stage II exists when endometriotic tissue invades the cervix and penetrates the vaginal wall, causing fibrosis and small cyst formation; in stage III, lesions spread into the uterosacral ligaments and the rectal serosa. The last and most severe stage, IV, exists when the rectal wall, rectosigmoid zone, and retro-uterine peritoneum are completely involved, and the recto-uterine pouch is totally	
51	Paul Yong			outcomes such as pain level and pain recurrence. I'm not sure a purely anatomic/molecular classification will be prognostic for pain, without consideration of myofascial, bladder, bowel, central nervous system variables. Similar idea to the EFI, where anatomic findings had to supplemented with fertility "comorbidities" (e.g. age, years infertility, previous pregnancy).	
52	Paul Yong	1	24	"suppress the production of estrogen from the ovaries" – I think there is evidence that hormonal therapies can also directly suppress lesions?	As this paper is focussed on classification system, we have removed this sentence and made it more general.
53	Theodoros D. Theodoridis			Execellent work, I have no comments to add	Thank you.

54	Justyna Sikora	rA	ASRM	easy to use, and it is helpful for clinicians to simply explain the severity of endometriosis in simple terms to the patients I am aware that it is not without flaws disadvantages. First, it can be a difference between histologically diagnosed endometriosis and the visual stage. Second, the reproducibility of the rASRM result is	The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews. Standardisation of nomenclature is the aim of the glossary paper.
55	Jennifer Mier Cabrera	0	OK	I consider this paper a great opportunity to implement a universally accepted system. I apologize in advance, I'm a dietitian and I do not have credentials or expertise to review this paper.	Thank you for this comment
56	Horace Roman	6 18	84	ENZIAN classification has recently been modified, and it definitively classifies all	We have incorporated the new #ENZIAN classification in the overview.
57	Sun-Wei Guo	6 20	01	Ideally, a good classification system should correlate with either the severity of symptoms or prognosis (recurrence risk), or help to choose the best treatment modality or to plan for surgery. EFI has a very good prognostic power for fertility (but not for pain) but for all the other classification systems, there are still lots of	The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews. We agree the need for more research.
58	Sun-Wei Guo				Thank you.
59	ASRM	1	Ĺ		We have revised the sentence in line 16, but could not identify any inconsistency, and decided not to adapt the sentence based on the comment.

60	ASRM	2		The terminology "Deep Endometriosis (DE)" has been previously agreed on and has been used in 2 collaborative paper from ESGE, ESHRE and WES. DE is also used in the glossary for endometriosis.
61	ASRM	3		The text was adapted
62	ASRM	4		We have added the confidence interval as suggested
63	ASRM	5		Thank you, this error was corrected
64	ASRM	6	Line 164-165 I'm not certain that I understand this sentence. How does one evaluate	
04	ASKIVI		the classification system for being a descriptive system?	we have adapted the sentence in the paper to clarify.
65	ASRM	7	First paragraph in the discussion goes back and forth between verb tenses, which I found confusing, Line 208-9. It does not appear that the classification systems have ever been studied as to their association with pain or quality of lifeAt least looking at Table 1. So I don't think you can say that they don't correlate—this outcome just hasn't been studied, correct?	The text was adapted as suggested
66	ASRM	8	I think a sentence should be added to this paragraph stating that the classification systems have been studied to look at fertility outcomes and one has been shown to be associated with fertility outcomes.	The text was adapted as suggested
67	ASRM	9	nor describe a concrete path forward	We have clarified that this review, mapping the current landscape, is to be considered a first step. We have adapted the conclusion of the review.
68	ASRM	11	clear improvements in clinical utility	The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews. We have slightly modified the conclusion to fit with the intended purpose of the review
69	ASRM	12	their intended purpose. Their conclusion "there seems to be a need for an internationally accepted descriptive system for endometriosis". The main problem with this document is that there is no proposal on how they intend to proceed. It would seem logical that they should at least propose some solution to this well-	The aim of the review is to provide an overview of the different systems and the extent to which they are validated. We clearly state that we did not include an assessment of all positive and negative aspects of the classification systems as not to repeat other reviews. We have slightly modified the conclusion to fit with the intended purpose of the review
70	ESGE - Ertan			Thank you for this comment.
	Saridogan		would be useful to the reader.	, ,
71	ESGE - Ertan Saridogan	Table 1		We have incorporated the new #ENZIAN classification in the overview.
72	ESGE - Justin Clark			We have adapted the table according to this suggestion

73	ESGE - Justin Clark			Nice review but no clinical use although I know this was not the purpose of the paper.	Thank you for this comment. We fully agree. The review was
				Hopefully this summary can be used as a basis for researchers developing new ones. I	performed in a first step of a international working group to
				am aware of at least 2 new classifications in development. Some sort of collaborative	develop an internationally accepted classification.
				development project seems in order as opposed to consenus statements / reviews	
74	ESGE - Hélder Ferreira			The literature review is robust. The information organized in tables seems clear and	We have incorporated the new #ENZIAN classification in the
				well organized. I think that the recent paper, published by several experts, entitled	overview.
				"The #Enzian classification: A comprehensive non-invasive and surgical description	
				system for endometriosis" may be included.	
5	WES			Recently another paper was published describing the #ENZIAN classification. #ENZIAN	We have incorporated the new #ENZIAN classification in the
				means to further develop ENZIAN classification. The publication is in Acta Obstetricia	The state of the s
				et Gynecologica Scandinavica. I realize this publication was not available for	
				consideration in this publication for obvious reasons. I just wanted to suggest at least	
				mentioning it in the review.	
6	WES	Final	Line 274	Any future evaluation of existing or newly developed classification, staging or	We consider that an evaluation of a classification system should
		comme	- 276	descriptive system should primarily focus on assessing validity, feasibility and	focus on assessing validity, feasibility, reproducibility, and
		nt in		reproducibility, should be patient-centered rather than reflecting only the anatomical	reliability. Patient centredness can be an appropriate outcome
		main		and/or severity of disease and on reliability related to the purpose for which the	for some classification systems, but may not always be the focus
		text		system was developed.	
77	David Adamson			Congratulations to the organizations and authors on this initiative, especially its	Thank you.
				collaborative nature, and the excellent articles.	
78	David Adamson	Literat	43	With respect to the history of endometriosis classification and staging systems, I	As described in the methodology section, the literature was
		ure		believe several earlier efforts have not been included. Almost certainly they came up	limited to pubmed-indexed papers, which date back to 1966. W
		search		in your literature search and I assume were excluded. However, since the first paper	considered it would not add much value to include older
				by Sampson was 100 years ago now, and since the variable approaches and	resources.
				limitations emphasize the difficulties of this journey for over a century and still today,	
				I believe a paragraph at least summarizing these earlier efforts is justified. I have	
				attached a presentation on this from 2002 that lists some major studies with some	
				brief characteristics of each approach. I believe it is essential to include these earlier	
				efforts that laid the foundation for later efforts. I am certain the committee can	
				source these original documents, review them, and make an appropriate summary to	
				recognize their importance.	

79	David Adamson	EFI	242	The statement, "The EFI system needs further evaluation with regards to the	The reviewer makes an interesting point, but providing such
				importance of the different parameters and whether to include the completeness of	details on each of the different systems is not within the scope of
				surgical treatment (Maheux-Lacroix, et al., 2017) may benefit from further	the current paper.
				clarification. The Least Function Score (LFS) of the EFI takes into account the	
				completeness of surgery in that if surgery is incomplete the ability of the structure to	
				function, which is the basis of the LFS, should be reduced and so the Least Function	
				Score would be lower and so take into account the completeness of surgery. It is true	
				this applies only to the tube, fimbria, and ovary but it has not been demonstrated that	
				removal of deep endometriosis affects the probability of pregnancy. The authors will	
				decide if this additional information is worth including.	
80	Kaylon Bruner-Tran	Fig 1	Тор,	Seems odd to list a block "additional records, N=0". This is explained on p7 so perhaps	A footnote was added to the figure, but the flowchart, which is
			right	here a footnote could be added here with examples of other sources that were	the official PRISMA 2009 Flow Diagram was not adapted.
				considered, but rejected.	
81	Kaylon Bruner-Tran	Table 1	Adhesio	It is not clear why the checkmark under "prediction of conception" is in parentheses.	We removed the parentheses as to avoid any confusion.
			n line		
			(first		
			system)		